

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Sylvain CRUCHON-DUPEYRAT et al.

Title:

METHODS AND APPARATUS FOR INK DELIVERY TO

NANOLITHOGRAPHIC PROBE SYSTEMS

Appl. No.:

10/705,776

Filing Date:

11/12/2003

Examiner:

Unassigned

Art Unit:

2861

Rule 47(a) Submission / 5 Month Petition for Extension of Time

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

I. INTRODUCTION

The applicants are filing a *bona fide* Rule 47(a) submission because one of the six joint inventors, Igor Touzov, refuses to join in the application. The applicants are filing a declaration executed by the remaining five inventors: Sylvain Cruchon-Dupeyrat, Michael Nelson, Robert Elghanian, Joseph Fragala, and Banerjee Debyjoti.

11/01/2004 KBETEMA1 00000061 10705776

03 FC:1460

130.00 GP

II. PROOF OF REFUSAL; FACTS IN CHRONOLOGICAL ORDER

November 12, 2003

The captioned regular patent application was filed listing six inventors including Dr. Touzov. The application was filed without an executed declaration.

March 29, 2004

The PTO issued a "Notice to File Missing Parts of Nonprovisional Application" requesting the properly signed declaration.

May 27, 2004

Consistent with telephone conversations with Dr. Touzov both before and after filing the patent application, the undersigned sent an email to Dr. Touzov attaching the declaration, requesting that the signed declaration be returned by June 15, 2004 (Exhibit A). The declaration listed Dr. Touzov as a joint inventor, a Russian citizen, and having a post office address of 311 Castle Hayne Drive, Cary, North Carolina, 27519.

June 15, 2004

Because he had not heard back from Dr. Touzov, the undersigned emailed Dr. Touzov again reminding him about signing the declaration (Exhibit B).

June 21, 2004

Dr. Touzov told the undersigned by telephone that he is for now refusing to sign the declaration.

June 28, 2004

Responsive to Dr. Touzov's request, the undersigned sent a letter to Dr. Touzov by federal express including a copy of the patent application (Exhibit C).

July 27, 2004

The undersigned spoke with Dr. Touzov by telephone, and Dr. Touzov acknowledged receipt of the federal express package. However, he said that he did not open it and continued to refuse to cooperate in signing the declaration.

September 27, 2004

The undersigned sent an email to Dr. Touzov to confirm that he refuses to sign the declaration (Exhibit D).

As of the date of this Rule 47 submission, Dr. Touzov continues to refuse to sign.

III. STATEMENT OF LAST KNOWN ADDRESS OF NONSIGNING INVENTOR

Igor Touzov 311 Castle Hayne Drive, Cary, North Carolina, 27519

IV. PETITION FOR FIVE MONTH EXTENSION OF TIME

The Commissioner is hereby authorized to charge a five month extension of time fee and any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or any other relevant rule, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date

FOLEY & LARDNER LLP Customer Number: 22428

Telephone: Facsimile:

(202) 672-5569 (202) 672-5399 4 Steven Rutt

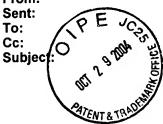
Attorney for Applicant Registration No. 40,153

J. Steven

From:

To:

Cc:



Rutt, J. Steven

Thursday, May 27, 2004 9:18 PM

'igor@touzov.com'

Pencofski, Sharyn M.; Wathen, Stacy M.; Percy V. Crocker, Jr.; Denise Damen

FW: 083847-0203 - Declaration and Power of Attorney and Assignment





(3).DOC= (55 KB)

Power of Attor

U.S. Patent Application No. 10/705,776

Filing Date: 11/12/2003

Title: METHODS AND APPARATUS FOR INK DELIVERY TO

NANOLITHOGRAPHIC PROBE SYSTEMS

Sylvain CRUCHON-DUPEYRAT et al. Inventor(s):

Our Ref.: 083847-0203

Dear Igor:

Attached are the Declaration and Power of Attorney and Assignment regarding the above subject return them to us before June 15, 2004, so we may matter. Please sign the attached documents and file them with the missing parts.

Steve Rutt

J. Steven Rutt, Esq., Ph.D.

Foley & Lardner LLP 3000 K Street, N.W. Washington, DC 20007 phone (202) 672-5351

fax (202) 672-5399

email: srutt@foleylaw.com

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DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I HEREBY DECLARE:

THAT my residence, post office address, and citizenship are as stated below next to my name;

THAT I believe I am the original, first, and sole inventor (if only one inventor is named below) or an original, first, and joint inventor (if plural inventors are named below or in an attached Declaration) of the subject matter which is claimed and for which a patent is sought on the invention entitled

PROBE SYSTEMS			
(Attorney Docket No. 083847-0203)			
the specification of which (check one)			
	is attached hereto.		
<u>X</u>	was filed on <u>11/12/2003</u> as United States Application Number or PCT International Application Number <u>10/705,776</u> and was amended on (if applicable).		

THAT I do not know and do not believe that the same invention was ever known or used by others in the United States of America, or was patented or described in any printed publication in any country, before I (we) invented it;

THAT I do not know and do not believe that the same invention was patented or described in any printed publication in any country, or in public use or on sale in the United States of America, for more than one year prior to the filing date of this United States application;

THAT I do not know and do not believe that the same invention was first patented or made the subject of an inventor's certificate that issued in any country foreign to the United States of America before the filing date of this United States application if the foreign application was filed by me (us), or by my (our) legal representatives or assigns, more than twelve months (six months for design patents) prior to the filing date of this United States application;

THAT I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above;

THAT I believe that the above-identified specification contains a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the invention, and sets forth the best mode contemplated by me of carrying out the invention; and

THAT I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I HEREBY CLAIM foreign priority benefits under Title 35, United States Code § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number	Country	Foreign Filing Date	Priority Claimed?	Certified Copy Attached?

I HEREBY CLAIM the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

U.S. Provisional Application Number	Filing Date
60/425,252	11/12/2002
60/508,286	10/06/2003

I HEREBY CLAIM the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the

duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application Number	PCT Parent Application Number	Parent Filing Date	Parent Patent Number

I HEREBY APPOINT the registered attorneys and agents at Customer Number 23533

Customer Number: 23533

to have full power to prosecute this application and any continuations, divisions, reissues, and reexaminations thereof, to receive the patent, and to transact all business in the United States Patent and Trademark Office connected therewith.

I request that all correspondence be directed to:

Stephen B. Maebius FOLEY & LARDNER LLP Customer Number: 23533

Telephone: (202) 672-5569 Facsimile: (202) 672-5399

I UNDERSTAND AND AGREE THAT the foregoing attorneys and agents appointed by me to prosecute this application do not personally represent me or my legal interests, but instead represent the interests of the legal owner(s) of the invention described in this application.

I FURTHER DECLARE THAT all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Name of first inventor	Sylvain Cruchon-Dupeyrat	
Residence	_	
Citizenship	French	
Post Office Address	605 West Madison #2913 Chicago, IL 60661	
Inventor's signature		
Date		
Name of second inventor	Michael Nelson	
Residence		
Citizenship	US	
Post Office Address	1309 Annie Lane	
	Libertyville, IL 60048	
Inventor's signature		
Date		
Name of third inventor	Robert Elghanian	
Residence		
Citizenship	US	
Post Office Address	541 Lavergne Avenue Wilmette, IL 60091	
Inventor's signature		
Date		
Name of fourth inventor	Joseph S. Fragala	
Name of fourth inventor Residence	Joseph S. Fragala	
	Joseph S. Fragala US	
Residence Citizenship	US 3067 Bates Court	
Residence Citizenship Post Office Address	US	
Residence Citizenship	US 3067 Bates Court	

Name of fifth inventor	Igor Touzov		
Residence			
Citizenship	Russian		
Post Office Address	311 Castle Hayne Drive Cary, NC 27519		
Inventor's signature			
Date		-	
Name of sixth inventor	Debjyoti Banerjee		
Name of sixth inventor Residence	Debjyoti Banerjee		
	Debjyoti Banerjee Indian		
Residence	Indian		
Residence Citizenship	Indian 3427 Hogan Terrace		

ASSIGNMENT AND AGREEMENT

WHEREAS, SYLVAIN CRUCHON-DUPEYRAT of 605 West Madison #2913, Chicago, IL 60661, MICHAEL NELSON of 1309 Annie Lane, Libertyville, IL 60048, ROBERT ELGHANIAN of 541 Lavergne Avenue, Wilmette, IL 60091, JOSEPH S. FRAGALA of 3067 Bates Court, San Jose, CA 95148, IGOR TOUZOV of 311 Castle Hayne Drive, Cary, NC 27519 and DEBJYOTI BANERJEE of 3427 Hogan Terrace, Fremont, CA 94555 (hereinafter referred to as "ASSIGNOR") have invented a certain invention entitled METHODS AND APPARATUS FOR INK DELIVERY TO NANOLITHOGRAPHIC PROBE SYSTEMS (Atty. Dkt. No. 083847-0203) for which an application for United States Letters Patent was filed on November 12, 2003 as Application No. 10/705,776 and

WHEREAS, NANOINK, Inc., a corporation duly organized and existing under the laws of the State of Illinois, and having its principal place of business at 1335 West Randolph Street, Chicago, Illinois 60607 (hereinafter referred to as "ASSIGNEE") is desirous of acquiring the entire interest therein;

NOW THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto ASSIGNEE, its successors and assigns, the full and exclusive right, title, and interest in and to (a) the above-identified invention or inventions and all improvements and modifications thereof, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for the above-identified invention or inventions and all improvements and modifications thereof, including priority documents U.S. Provisional Application Nos. 60/425,252 filed November 12, 2002 and 60/508,286 filed October 6, 2003 (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representatives or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals,

assignments, powers of attorney, oaths, affidavits, declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of Foley & Lardner LLP the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of Foley & Lardner LLP do not personally represent ASSIGNOR or ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

Executed this day of	, 20
CRUCHON-DUPEYRAT, who is personally known to me to be the	SYLVAIN CRUCHON-DUPEYRAT , before me, a notary public in and for said county, appeared SYLVAIN ne same person whose name is subscribed to the foregoing instrument, and said instrument as his/her fee and voluntary act for the uses and purposes
(Seal)	Notary Public My Commission Expires:
Executed this day of	, 20
NELSON, who is personally known to me to be the same person v	MICHAEL NELSON _, before me, a notary public in and for said county, appeared MICHAEL whose name is subscribed to the foregoing instrument, and he/she strument as his/her free and voluntary act for the uses and purposes therein set
(Seal)	Notary Public My Commission Expires:

Executed this	_ day of	, 20
		ROBERT ELGHANIAN
State of))ss.	
County of		O hefer we a second public in and for said county, amount DODERT
ELGHANIAN, who is personally kno	own to me to be the sam	0, before me, a notary public in and for said county, appeared ROBERT to person whose name is subscribed to the foregoing instrument, and he/she aid instrument as his/her free and voluntary act for the uses and purposes therein see the second purposes.
•		Notary Public
(Seal)		My Commission Expires:
(Seal)		
Executed this	day of	. 20
State of	\	JOSEPH S. FRAGALA
County of)ss.	
		0, before me, a notary public in and for said county, appeared JOSEPH S.
FRAGALA, who is personally known	n to me to be the same p	berson whose name is subscribed to the foregoing instrument, and he/she aid instrument as his/her free and voluntary act for the uses and purposes therein so
		Notary Public
(G. 1)		My Commission Expires:
(Seal)		

	Executed this	day of	, 20	
	f)ss		IGOR TOUZOV
	V, who is personally known	n to me to be thesame pe	rson whose name is subsc	y public in and for said county, appeared IGOR ribed to the foregoing instrument, and he/she free and voluntary act for the uses and purposes therein se
				Notary Public
	(Seal)			My Commission Expires:
	Executed this	day of	, 20	
))ss.)		DEBJYOTI BANERJEE
BANERJ acknowle forth.	EE, who is personally kno	wn to me to be the same	person whose name is sul	ry public in and for said county, appeared DEBJYOTI becribed to the foregoing instrument, and he/she free and voluntary act for the uses and purpose therein set
				Notary Public
				My Commission Expires:
	(Seal)			My Commission Expires.

Rutt, J. Steven

From:

Rutt, J. Steven

Sent:

Tuesday, June 15, 2004 3:28 PM

To:

'igor@touzov.com'

Cc:

Wathen, Stacy M.; 'Denise Damen'

Subject:

RE: 083847-0203 - Declaration and Power of Attorney and Assignment

Hi Igor - We are following up on the below. We should receive these back in the next week or so if possible. Please call if any questions.

Thanks.

Steve

J. Steven Rutt, Esq., Ph.D.

Foley & Lardner 3000 K Street, N.W. Washington, DC 20007

DC office phone (202) 672-5351

cell phone (703) 786-2280 home office phone (703) 426-1624

fax (202) 672-5399 email: srutt@foley.com

----Original Message----

From:

Rutt, J. Steven

Sent:

Thursday, May 27, 2004 9:18 PM

To:

'igor@touzov.com'

Cc: Subject: Pencofski, Sharyn M.; Wathen, Stacy M.; Percy V. Crocker, Jr.; Denise Damen FW: 083847-0203 - Declaration and Power of Attorney and Assignment

<< File: Assignment (3).DOC^x >> << File: Declaration and Power of Attoreny (3).DOC^x >>

U.S. Patent Application No. 10/705,776

Filing Date: 11/12/2003

Title: METHODS AND APPARATUS FOR INK DELIVERY TO

NANOLITHOGRAPHIC PROBE SYSTEMS

Inventor(s):

Sylvain CRUCHON-DUPEYRAT et al.

Our Ref.:

083847-0203

Dear Igor:

Attached are the Declaration and Power of Attorney and Assignment regarding the above subject matter. Please sign the attached documents and return them to us before June 15, 2004, so we may file them with the missing parts.

Steve Rutt

J. Steven Rutt, Esq., Ph.D.

Foley & Lardner LLP 3000 K Street, N.W. Washington, DC 20007 phone (202) 672-5351 fax (202) 672-5399

email: srutt@foleylaw.com

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June 28, 2004

Cedric of this the FOLEY & LARDNER LLP
ATTORNEYS AT LAW

WASHINGTON HARBOUR 3000 K STREET, N.W., SUITE 500 WASHINGTON, D.C. 20007-5143 202.672.5300 TEL 312.832.4700 FAX www.foley.com

WRITER'S DIRECT LINE 202.672.5351 srutt@foley.com EMAIL

CLIENT/MATTER NUMBER 083847-0203

VIA FEDEX

Igor V. Touzov 311 Castle Hayne Drive Cary, North Carolina 27519

Re:

Declaration/Assignment Documents for NanoInk patent

filing on Ink Delivery (083847-0203)

Dear Igor:

Thank you for your email dated June 23, 2004. Van Crocker has asked that we send you a full copy of both the original ink delivery provisional patent application (60/425,252 filed November 12, 2002) and the regular patent application (10/705,776 filed November 12, 2003).

Both the assignment and declaration/power of attorney provide standard clarification about Foley & Lardner's representation in the patent application: Foley represents the interests of NanoInk the company rather than any of the individual inventors.



June 28, 2004 Page 2

Please call me if you have any additional questions or if you still do not want to sign the assignment and declaration/power of attorney. We would like to resolve this in the next several business days to avoid extension fees.

Sincerely,

J. Steven Rutt

Enclosures

cc: Stephen B. Maebius (w/out enclosures)

Nan Crocker (by facsimile, w/out enclosures)

Rutt, J. Steven

From: Sent:

Rutt, J. Steven

To: Cc:

Monday, September 27, 2004 4:31 PM

Gor V. Touzov'

Maebius, Stephen B.; 'Percy V. Crocker, Jr.'

Manolnk patent application on Ink Delivery, our ref. no. 083847-0203 Subject:

Importance: Sensitivity:

Confidential

To: Igor Touzov

US Patent Application: "Methods and Apparatus for Ink Delivery to Nanolithographic Probe

Systems"

Application No.: 10/705,776

Filed: November 12, 2003 to Cruchon-Dupeyrat et al.

Assignee: Nanolnk, Inc.

Attorney Reference No.: 083847-0203

Confidential

Dear Igor:

As you know, we represent Nanolnk. Nanolnk desires to reach an amicable understanding with you about this patent application. Nanolnk, however, now provides further notice to you that it intends to proceed with its patent prosecution with or without your cooperation under the PTO's Rule 47 and other applicable rules.

Therefore, this confirms our understanding that you have refused in the past, and presently still refuse, to sign the patent declaration and thereby join the patent application (10/705776 filed November 12, 2003, assigned to Nanolnk).

This also confirms our understanding that you have refused in the past, and presently still refuse, to sign the assignment to Nanolnk, Inc. for this same patent application.

In recent months, we have spoken with you about this matter by telephone. We have also conversed about this matter with you by email. We have even sent you a letter dated June 28, 2004 by Federal Express, but you have since conveyed to us by telephone that you have not even opened it. We have not heard back from you any communication that provides any credible indication that you are NOT refusing to join in the application. As a result, our clear understand now is that you do, indeed, refuse to join in the application.

If our understanding is incorrect, please contact me immediately by telephone or email. The matter is urgent. Specifically, we need to hear from you today. My full contact information is below. If you would like to communicate by fax, please provide us with your fax number. If you cannot communicate yet today, please contact me tomorrow. If you need any further documents from us, please let us know. Our understaning is that we have sent you all of the declaration and assignment documents you need to comply with your obligations under your agreement with Nanolnk.

We look forward to hearing from you and repeat that an amicable resolution is desired by Nanolnk. If there is any misunderstanding about your intention, please contact us. Otherwise, we can only conclude that you intend to refuse - and in fact do refuse - to sign the patent declaration and assignment.

Steven Rutt

J. Steven Rutt, Esq., Ph.D. Foley & Lardner 3000 K Street, N.W. Washington, DC 20007